

## **MICRO-BOND HIGH LIFE**

### **MSDS Number**

BRBRQ

### **National Stock Number**

6520-00F028215

### **Product Name**

MICRO-BOND HIGH LIFE

### **Manufacturer**

AUSTENAL INC

### **Product Identification**

Product ID: MICRO-BOND HIGH LIFE

MSDS Date: 01/01/1987

FSC: 6520

NIIN: 00F028215

MSDS Number: BRBRQ

### **Responsible Party**

AUSTENAL INC

4101 W 51ST ST

CHICAGO , IL 60632

US

Emergency Phone: 312-735-0601

Info Phone: 312-735-3940

Cage: 67532

### **Contractor**

AUSTENAL INC

UNKNOWN

CHICAGO, IL 60632

US

800-621-0381

Cage: 67532

### **Ingredients**

SILVER

CAS: 7440-22-4

RTECS: VW3500000

OSHA PEL0.01 MG/CUM

ACGIH TLV: 0.1 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PLATINUM

CAS: 7440-06-4

RTECS: TP2160000

OSHA PEL0.002 MG/M3

ACGIH TLV: 0.002 MG/M3; 9394

COPPER (DUST & MIST), BRONZE POWDER

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight:

OSHA PEL0.1 MG(CU)/M3 (FUME)

ACGIH TLV: 0.2 MG/M3 (FUME)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

INDIUM

CAS: 7440-74-6

RTECS: NL1050000

Fraction By Weight:

OSHA PEL0.1 MG/CUM

ACGIH TLV: 0.1 MG/CUM

TIN (AS SN)

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight:

OSHA PEL2.0 MG/CUM

ACGIH TLV: 2.0 MG/CUM

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN: DISCOLORATION OR BLUE-GRAY DARKENING, IRRITATION. METAL SOLUTIONS MAY CAUSE SWELLING & ITCHING. BURNS. EYES: DISCOLORATION OR BLUE-GRAY DARKENING. IRRITATION. INHALATION: METAL FUME FEVER. MODERATELY TOXIC. INGESTION: STOMACH PAIN, NAUSEA, VOMITING, DIARRHEA. EXTREMELY TOXIC.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: FRAGMENTS IN THE CORNEA MAY CAUSE CATARACTS, DISCOLORATION (KAPER-FLEISCHER RINGS) & LOSS OF THE EYES. INHALATION: PERMANENT DAMAGE TO THE NERVOUS SYSTEM & DEATH.

Medical Cond Aggravated by Exposure:WILSON'S DISEASE

## First Aid

First Aid:EYES/SKIN: FLUSH W/WATER. INGESTION: DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:SCC

Extinguishing Media:DRY CHEMICAL, SAND OR OTHER APPROVED EXTINGUISHING MATERIAL FOR METAL FIRES.

Fire Fighting Procedures:PROTECTIVE CLOTHING & POSITIVE PRESSURE, SCBA. Unusual Fire/Explosion Hazard:METAL POWDERS & METAL DUSTS MAY CAUSE CATALYTIC OXIDATION OF FLAMMABLE ORGANIC SOLVENT VAPORS.

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## Accidental Release

Spill Release Procedures:SWEEP OR VACUUM UP SPILL. PLACE SPILLED MATERIAL IN METAL SAFETY CAN.

## Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED & STORE IN COOL, DRY AREA.

## Exposure Controls

Respiratory Protection:USE AN APPROPRIATE NIOSH APPROVED RESPIRATOR IN POORLY VENTILATED AREAS.

Ventilation:LOCAL EXHAUST

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL SPLASHPROOF GOGGLES

Other Protective Equipment:APRON OR PROTECTIVE CLOTHING

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS & FACE AFTER USE.

Supplemental Safety and Health

## Chemical Properties

Appearance and Odor:NO ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

HYDROGEN PEROXIDE, METHANOL & FLAMMABLE ORGANIC SOLVENT VAPORS.

Hazardous Decomposition Products:METAL OXIDE FUMES

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS OR SENT TO A REFINERY FOR RECOVERY OF PRECIOUS METALS.

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